

CLAIMS:

1. An interface module for receiving television signals or radio signals, having several inputs (7) and outputs (7, 9, 10, 14) for receiving and distributing picture and sound signals as well as control signals and at least one input for antenna signals (5a), the interface module comprising at least one tuner (1) and a chip (2) with a microprocessor (4) including
5 memory means and means for capturing data and with switching means (11), with picture, color and sound decoding means (12) and with signal processing means (13), whereas the chip (2) and the tuner (1) are installed in a common casing (3).

2. An interface module as claimed in claim 1, characterized in that the chip (2)
10 and the tuner (1) are mounted on a common printed circuit board.

3. An interface module as claimed in claim 2, characterized in that the common printed circuit board comprises further peripheral components and connecting interfaces partly outside the casing (3).
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4. An interface module as claimed in claim 1, characterized in that the common casing (3) is made of an electromagnetic shielding material.

5. An interface module as claimed in claim 1, characterized in that the
20 microprocessor (4) in the chip (2) and the tuner (1) are connected by a digital signal bus.

6. An interface module as claimed in claim 3, characterized in that the microprocessor (4) in the chip (2) is designed to control the tuner (1) via the digital signal bus and to perform tasks and functions of the tuner (1) by software means stored in a one-time
25 programmable memory of the microprocessor (4).

7. An interface module as claimed in claim 6, characterized in that the interface module is designed to be initialized by software stored in the one-time programmable memory of the microprocessor (4).

8. An interface module as claimed in claim 6, characterized in that the interface module is designed to store software for a customized user interface in the one-time programmable memory of the microprocessor (4).

9. An interface module as claimed in claim 6, characterized in that correction parameters obtained by tuner and module alignment and measurements can be stored in the memory of the microprocessor (4) and that correction control circuits are provided.

10. An interface module as claimed in claim 6, characterized in that an automatic tracking filter alignment is provided.

11. An interface module as claimed in claim 6, characterized in that means for variable band switching are provided and that means for measuring the strength of the received antenna signals (5a, 5b) are provided.

12. An interface module as claimed in claim 1 or 6, characterized in that there are provided at least two antenna inputs (5a, 5b).

13. An interface module as claimed in claim 12, characterized in that there is provided an additional FM radio RF input (5b) possibility and that the interface module is designed to be able to receive TV and FM radio signals.

14. An interface module as claimed in claim 1 or 6, characterized in that there are provided at least two tuners (1) in the casing (3). Interface module for TV sets